

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32	(US-20050187839-\$ or US-20020116185-\$ or US-20010032076-\$ or US-20050102138-\$ or US-20050021186-\$ or US-20030065257-\$ or US-20030033152-\$ or US-20010049470-\$).did. or (US-6073108-\$ or US-5991742-\$ or US-5602963-\$ or US-5606497-\$ or US-5493492-\$ or US-5510606-\$ or US-6895438-\$ or US-6304851-\$ or US-5909672-\$ or US-5877953-\$ or US-6185514-\$ or US-4891776-\$ or US-6877010-\$ or US-6711543-\$ or US-6625621-\$ or US-6556222-\$ or US-6405170-\$ or US-6148304-\$ or US-4984274-\$ or US-4528687-\$ or US-6606598-\$ or US-6539359-\$ or US-4509133-\$).did. or (US-5721827-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/07 07:53
L2	11	I1 and (billing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 07:53
S1	2	"5721827".pn. "6539359.pn"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 05:25
S2	4	"5721827".pn. "6539359".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/28 05:25
S3	216	((speech or voice) near (recognizer or recognition)) and (interval same start same stop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:34

## EAST Search History

S4	54	((speech or voice) near (recognizer or recognition)) and (interval same start same stop same (measure or record or determine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:34
S5	32	((speech or voice) near (recognizer or recognition)) and (interval same start same stop same (measure or record or determine) and recognize)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:36
S6	3	(((speech or voice) near (recognizer or recognition)) and ((measure or record or determine)with (interval or duration)) same start same stop same recognize)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:41
S7	10	(((speech or voice) near (recognizer or recognition)) and ((measure or record or determine or time) same (interval or duration)) same start same stop same recognize)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:45
S8	1539	(((speech or voice) near (recognizer or recognition)) same (timer or interval))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:46
S9	191	(((speech or voice) near (recognizer or recognition)) with (timer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:46
S10	368	(((speech or voice) near (recognizer or recognition)) same (timer or interval)).ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:47
S11	9	(((speech or voice) near (recognizer or recognition)) same (timer or interval)).ti,ab. and (interval same start same stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:50

## EAST Search History

S12	1	(((speech or voice) near (recognizer or recognition)) with (timer or interval)). ti,ab. and (interval same start same stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:50
S13	12	(((speech or voice) near (recognizer or recognition)) with (timer or interval)) and (interval same start same stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:54
S14	0	(((speech or voice) near (recognizer or recognition)) with (stopwatch)) and (interval same start same stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:55
S15	0	(((speech or voice) near (recognizer or recognition)) same(stopwatch)) and (interval same start same stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:55
S16	0	(((speech or voice) near (recognizer or recognition)) and (stopwatch)) and (interval same start same stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:55
S17	67	(((speech or voice) near (recognizer or recognition)) and (stopwatch or stop-watch or (stop adj watch) )) and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:57
S18	308	(((speech or voice) near (recognizer or recognition)) same(stopwatch or stop-watch or (stop adj watch) or timer )) and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 08:58
S19	23	(((speech or voice) near (recognizer or recognition)) same(stopwatch or stop-watch or (stop adj watch) or timer )).ti,ab. and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:05

## EAST Search History

S20	0	((speech or voice) near (recognizer or recognition)) same(stopwatch or stop-watch or (stop adj watch)).ti,ab. and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:05
S21	0	((speech or voice) near (recognizer or recognition)) and (stopwatch or stop-watch or (stop adj watch)).ti,ab. and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:05
S22	8	((speech or voice) near (recognizer or recognition)) and (stopwatch or stop-watch or (stop adj watch)).ti,ab, bsum. and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:08
S23	67	((speech or voice) near (recognizer or recognition)) and (stopwatch or stop-watch or (stop adj watch)) and (period or time or interval or start or stop) and (measure or record or determine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:08
S24	9	("5602963"   "5774828"   "5794205"   "6061646"   "6157935"   "6173060"   "6185537"   "6272457"   "6295391").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 09:17
S25	1	("5602963"   "5774828"   "5794205"   "6061646"   "6157935"   "6173060"   "6185537"   "6272457"   "6295391").PN. and stopwatch	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/30 09:17
S26	35	("4509133").URPN.	USPAT	OR	ON	2006/06/30 09:27
S27	34	("4509133").URPN. and (time or stopwatch)	USPAT	OR	ON	2006/06/30 09:27
S28	12	("4509133").URPN. and (timer or stopwatch)	USPAT	OR	ON	2006/06/30 09:27
S29	2	("5721827".pn. or "6539359".pn.) and (stop-watch or timer or recognizer or recognition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:36
S30	2	("5721827".pn. or "6539359".pn.) and (stop-watch or timer or time or interval or time-stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:40

## EAST Search History

S32	183	((speech or voice) near (recognition or recognizer)) and ((time-stamp or timestamp) same (interval or duration or stopwatch or timer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 09:42
S33	36	((speech or voice) near (recognition or recognizer)) and (((time-stamp or timestamp) same (interval or duration or stopwatch or timer)) same (command or recognition or recognizer or start or keyword ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 10:43
S34	2	"6202060".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 10:44
S35	0	"data management system".ti. and recognizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 10:44
S36	0	"data management system".ti. and recognition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/30 12:30
S37	12	timekeeper and ((speech or voice) near (recognition or recognizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:02
S38	2	"5991742".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 06:27
S39	18	("4604699"   "5123064"   "5235565"   "5365050"   "5463696"   "5477511"   "5493492"   "5502805"   "5506902"   "5510606"   "5514861"   "5515455"   "5526407"   "5546538"   "5559897"   "5602963"   "5606497"   "5745268").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 06:40
S40	17	("5991742").URPN.	USPAT	OR	ON	2006/07/06 06:31

## EAST Search History

S41	7	("5991742").URPN. and (timer or interval or timestamp)	USPAT	OR	ON	2006/07/06 06:32
S42	2	("5991742").URPN. and (timer or interval or timestamp) and (recognizer or recognition)	USPAT	OR	ON	2006/07/06 06:38
S43	2	("5991742").URPN. and (timer or interval or timestamp) and (recognizer or recognition) and (start or stop or tag)	USPAT	OR	ON	2006/07/06 06:38
S44	1	"5991742".pn. and (timer or interval or timestamp) and (recognizer or recognition) and (start or stop or tag)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 06:50
S45	0	"5493492".pn. and (timer or interval or timestamp) and (recognizer or recognition) and (start or stop or tag)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 06:50
S46	0	"5493492".pn. and (timer or interval or timestamp) and (recognizer or recognition)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 06:50
S47	1	"5493492".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 06:50
S48	18	("5493492").URPN.	USPAT	OR	ON	2006/07/06 06:51
S50	3	"5493492".URPN. and (timer or interval or timestamp) and (recognizer or recognition or voice or speech)	USPAT	OR	ON	2006/07/06 06:54
S51	4	"5493492".URPN. and (timer or interval or timestamp or start or stop) and (recognizer or recognition or voice or speech)	USPAT	OR	ON	2006/07/06 06:55
S52	9	"5493492".URPN. and (timer or interval or timestamp or start or stop) and (recognizer or recognition or voice or speech or speak or command)	USPAT	OR	ON	2006/07/06 06:55
S53	260	(time near (tracker or tracking)) and ((speech or voice) near (recognition or recognizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:04
S54	171	(time adj (tracker or tracking)) and ((speech or voice) near (recognition or recognizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:04

## EAST Search History

S55	5	(time adj (tracker or tracking)) same ((speech or voice) near (recognition or recognizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:15
S56	35	("4192006" "4232295" "4852000" "4947028" "5247575" "5383112" "5463685" "5493492" "5510606" "5526407" "5577109" "5606497" "5625749" "5822586" "5844808" "5930772" "5960063" "5960063" "5991742" "5991742" "6044362" "6058413" "6064929" "6064977" "6101473" "6115640" "6138088" "6144938" "6185514" "6721716").PN. and (speech or voice or recognition or recognizer or timestamp or duration or interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:15
S57	3	("5877953").URPN.	USPAT	OR	ON	2006/07/06 07:26
S58	40	("3648243"   "3725947"   "3781529"   "3808372"   "3889103"   "3911446"   "3922531"   "3943526"   "4025774"   "4035627"   "4065663"   "4115870"   "4164038"   "4195220"   "4283769"   "4340808"   "4358777"   "4460965"   "4536646"   "4549264"   "4625276"   "4710616"   "4852000"   "4853852"   "4866611"   "4891776"   "4905186"   "4961158"   "4977520"   "5007015"   "5021952"   "5068787"   "5093813"   "5142486"   "5155659"   "5159180"   "5229584"   "5261045"   "5267147"   "5493492").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 07:26
S59	0	("3648243"   "3725947"   "3781529"   "3808372"   "3889103"   "3911446"   "3922531"   "3943526"   "4025774"   "4035627"   "4065663"   "4115870"   "4164038"   "4195220"   "4283769"   "4340808"   "4358777"   "4460965"   "4536646"   "4549264"   "4625276"   "4710616"   "4852000"   "4853852"   "4866611"   "4891776"   "4905186"   "4961158"   "4977520"   "5007015"   "5021952"   "5068787"   "5093813"   "5142486"   "5155659"   "5159180"   "5229584"   "5261045"   "5267147"   "5493492").PN. and ((speech or voice) near (recognition or recognition))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 07:27

## EAST Search History

S60	7	("3648243"   "3725947"   "3781529"   "3808372"   "3889103"   "3911446"   "3922531"   "3943526"   "4025774"   "4035627"   "4065663"   "4115870"   "4164038"   "4195220"   "4283769"   "4340808"   "4358777"   "4460965"   "4536646"   "4549264"   "4625276"   "4710616"   "4852000"   "4853852"   "4866611"   "4891776"   "4905186"   "4961158"   "4977520"   "5007015"   "5021952"   "5068787"   "5093813"   "5142486"   "5155659"   "5159180"   "5229584"   "5261045"   "5267147"   "5493492").PN. and ((speech or voice) or (recognizer or recognition))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/06 07:27
S61	30	(US-20030065257-\$ or US-20050021186-\$ or US-20030033152-\$ or US-20050102138-\$ or US-20050187839-\$ or US-20010032076-\$).did. or (US-6539359-\$ or US-6405170-\$ or US-4984274-\$ or US-6606598-\$ or US-6148304-\$ or US-5602963-\$ or US-6877010-\$ or US-6711543-\$ or US-4509133-\$ or US-6556222-\$ or US-6625621-\$ or US-4528687-\$ or US-5991742-\$ or US-5606497-\$ or US-5510606-\$ or US-6895438-\$ or US-6073108-\$ or US-5493492-\$ or US-6304851-\$ or US-6185514-\$ or US-5909672-\$ or US-5877953-\$ or US-4891776-\$).did. or (US-5721827-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/06 07:36
S62	11	S61 and (timestamp or (time adj stamp) or time-stamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:40
S63	10	S61 and (timestamp or (time adj stamp) or time-stamp) and (voice or speech or recognition or recognizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:41
S64	11	S61 and (timestamp or (time adj stamp) or time-stamp) and (voice or speech or recognition or recognizer or start or stop or interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:56

## EAST Search History

S65	17	(record near (speech or voice)) same (timestamp or (time adj stamp) or time-stamp) and (voice or speech or recognition or recognizer or start or stop or interval)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 07:56
S66	2	"20010049470"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 08:47
S67	2	"20010049470" and (voice or speech or timestamp or record or recording)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 08:49
S68	2	"20010049470" and (voice or recognition or recognizer or speech or timestamp or record or recording)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 08:53
S69	2	"20010049470" and (voice or recognition or recognizer or speech or timestamp or record or recording or ((task or activity or command or note) same time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 08:54
S70	31	(US-20030065257-\$ or US-20050021186-\$ or US-20030033152-\$ or US-20050102138-\$ or US-20050187839-\$ or US-20010032076-\$ or US-20010049470-\$).did. or (US-6539359-\$ or US-6405170-\$ or US-4984274-\$ or US-6606598-\$ or US-6148304-\$ or US-5602963-\$ or US-6877010-\$ or US-6711543-\$ or US-4509133-\$ or US-6556222-\$ or US-6625621-\$ or US-4528687-\$ or US-5991742-\$ or US-5606497-\$ or US-5510606-\$ or US-6895438-\$ or US-6073108-\$ or US-5493492-\$ or US-6304851-\$ or US-6185514-\$ or US-5909672-\$ or US-5877953-\$ or US-4891776-\$).did. or (US-5721827-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/06 09:00

## EAST Search History

S71	11	S70 and ((speech or spoken or voice) with command)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:02
S72	7	S70 and ((speech or spoken or voice) with command) and text	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:04
S73	22	S70 and ((task or schedule or activity) with (time or timestamp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:05
S74	2	"20020116185" and (time near increment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:20
S75	16	S70 and ((stop or end or complete) with (task or event or interval))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:21
S76	0	"2001049470" and (storage or memory or record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:27
S77	2	"20010049470" and (storage or memory or record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:27
S78	2	"5602963".pn. and (recognizer or voice or speech or recognition or text or time or grammar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 12:06

## EAST Search History

S79	32	(US-20030065257-\$ or US-20050021186-\$ or US-20030033152-\$ or US-20050102138-\$ or US-20050187839-\$ or US-20010032076-\$ or US-20010049470-\$ or US-20020116185-\$).did. or (US-6539359-\$ or US-6405170-\$ or US-4984274-\$ or US-6606598-\$ or US-6148304-\$ or US-5602963-\$ or US-6877010-\$ or US-6711543-\$ or US-4509133-\$ or US-6556222-\$ or US-6625621-\$ or US-4528687-\$ or US-5991742-\$ or US-5606497-\$ or US-5510606-\$ or US-6895438-\$ or US-6073108-\$ or US-5493492-\$ or US-6304851-\$ or US-6185514-\$ or US-5909672-\$ or US-5877953-\$ or US-4891776-\$).did. or (US-5721827-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/06 12:10
S80	23	S79 and (watchdog or timeout or elapsed or end)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 12:10
S81	11	S79 and (offset or corrected or correct or adjust or adjustment) with (time or timestamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 12:32
S82	2	"6304851".pn. and (begin or end or start or stop or finish or complete)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 13:51